

AMENDED
APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

No 41449

Date of filing in State Engineer's Office MAY 28 1980
Returned to applicant for correction JUL 23 1980
Corrected application filed SEP 15 1980
Map filed SEP 29 1980 under 41448

The applicant City of Elko
%Chilton Engineering 421 Court, of Elko,
Street and No. or P.O. Box No. City or Town
Nevada 89801, hereby make application for permission to appropriate the public
State and Zip Code No.
waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

1. The source of the proposed appropriation is Underground
Name of stream, lake or other source.

2. The amount of water applied for is 10.0 cfs (non-consumptive) second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet acre-feet

3. The water to be used for Geothermal
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation (state number of acres to be irrigated)

(b) Stockwater (state number and kinds of animals to be watered)

(c) Other use (describe fully under "No. 12. Remarks")

(d) Power:

(1) Horsepower developed

(2) Point of return of water to stream

5. The water is to be diverted from its source at the following point: within the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 21,
T34N, R55E, MDM, at a point from which the NE corner of said Section 21 bears
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,
N 86° 33' E 4989 feet
it should be stated.

6. Place of use S $\frac{1}{2}$ Section 3, Sections 9, 10, 11, 14, 15, 16, E $\frac{1}{2}$ Section 17, NE $\frac{1}{4}$ Section
Describe by legal subdivision, if on unsurveyed land it should be so stated.
20, N $\frac{1}{2}$ Section 21, Section 22 and N $\frac{1}{2}$ Section 23 all in T34N, R55E, MDM

7. Use will begin about January 1 and end about December 31, of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) drilled and cased well equipped with
motor and pump
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.

9. Estimated cost of works.....\$100,000.00
10. Estimated time required to construct works.....5 years
11. Estimated time required to complete the application to beneficial use.....10 years
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Water from this source will be pumped into a heat exchange unit and then
re-injected into the original ground water source

Applicant.....City of Elko

By.....s/William A. Nisbet

Agent

Compared bc/ b1.....bt/bc.....421 Court
Elko, Nevada

APPROVAL.....OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. If the well is flowing, a valve must be installed and maintained to prevent waste. Accurate measurements must be kept of water placed to beneficial use. The State retains the right to regulate the use of the water herein granted at any and all times.

The well is to be cemented from the producing levels to the surface to protect fresh water zones.

This permit is issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes only and fresh, cold water aquifers are not to be diverted.

The used geothermal fluids are to be returned to the source.

Applications to change the manner of use to a consumptive use may be filed and duly considered.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 10 cubic feet per second, but not to exceed a total of 7,240 acre-feet annually from Permits 41448 and 41449 combined.

Actual construction work shall begin on or before.....N/A

Proof of commencement of work shall be filed before.....N/A

Work must be prosecuted with reasonable diligence and be completed on or before February 1, 1983

Proof of completion of work shall be filed before.....March 1, 1983

Application of water to beneficial use shall be made on or before.....February 1, 1988

Proof of the application of water to beneficial use shall be filed on or before.....March 1, 1988

Map in support of proof of beneficial use shall be filed on or before.....

Commencement of work filed.....IN TESTIMONY WHEREOF, I, PETER G. MORROS

Completion of work filed.....State Engineer of Nevada, have hereunto set my hand and the seal of

Proof of beneficial use filed.....my office, this 1st day of FEBRUARY

Cultural map filed.....

Certificate No.....Issued.....A.D. 1982

WITHDRAWN BY APPLICANT MAR 10 1985

STATE ENGINEER

State Engineer